

Ford Global Technologies, Inc
% R M Farrow et al
Land Rover
Patent Department 53W5/12
Warwick Technology Park
Warwick
CV34 6RG

**The Patent Office
Patents Directorate**

Concept House
Cardiff Road, Newport
South Wales NP10 8QQ

Examiner: 01633 813796
E-mail: beverley.lloyd@patent.gov.uk
Switchboard: 01633 814000
Fax: 01633 814444
Minicom: 08459 222250
DX 722540/41 Cleppa Park 3
<http://www.patent.gov.uk>

Your Reference: 201-0490GB2/RMF
Application No: GB 0218865.4

13 February 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(5)

I enclose two copies of my search report and a copy of the citation.

Publication

I estimate that, provided you have met all formal requirements, preparations for publication of your application will be completed soon after **18 March 2003**. You will then receive a letter informing you of completion and telling you the publication number and date of publication.

Amendment/withdrawal

If you wish to file amended claims for inclusion with the published application, or to withdraw the application to prevent publication, you must do so before the preparations for publication are completed. **No reminder will be issued.** If you write to the Office less than 3 weeks before the above completion date, please mark your letter prominently: **"URGENT - PUBLICATION IMMINENT"**.

Yours faithfully

Beverley Lloyd
Examiner

¹Use of E-mail: Please note that e-mail should be used for correspondence only.

An Executive Agency of the Department of Trade and Industry



Application No: GB 0218865.4
Claims searched: 1 - 28

Examiner: Beverley Lloyd
Date of search: 12 February 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
X, E	1, 5, 10 & 17	GB2374001 A (LEAR) See Figs & abstract

Categories:

X Document indicating lack of novelty or inventive step	A Document indicating technological background and/or state of the art
Y Document indicating lack of inventive step if combined with one or more other documents of same category.	P Document published on or after the declared priority date but before the filing date of this invention.
& Member of the same patent family	E Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC²:

A4L

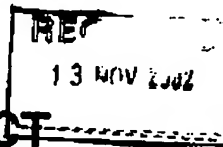
Worldwide search of patent documents classified in the following areas of the IPC²:

B60N

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, JAPIO

PATENT COOPERATION TREATY



From the INTERNATIONAL SEARCHING AUTHORITY

To:
LAND ROVER
Patent Department 53W/12
Attn. Farrow, Robert Michael
Warwick Technology Park
Warwick CV34 6RG
UNITED KINGDOM

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing (day/month/year)	13/11/2002
Applicant's or agent's file reference 201-0490W0/RMF	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/GB 02/03754	International filing date (day/month/year) 14/08/2002
Applicant FORD GLOBAL TECHNOLOGIES, INC.	

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.


☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the International application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the International application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for International publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Bernd Stephan
--	-------------------------------------

Form PCT/ISA/220 (July 1998)

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 201-0490W0/RMF	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.	
International application No. PCT/GB 02/03754	International filing date (day/month/year) 14/08/2002	(Earliest) Priority Date (day/month/year) 21/08/2001
Applicant FORD GLOBAL TECHNOLOGIES, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawing to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

1a



None of the figures.

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 02/03754

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60N2/30 B60N2/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 956 837 A (HANS OTTO KOPLIN) 18 October 1960 (1960-10-18)	1, 10-12, 14, 17, 18, 25
A	the whole document	5-9, 13, 15, 16, 19-21
A	US 5 492 386 A (STUART M. CALLUM) 20 February 1996 (1996-02-20) abstract; claims 1, 2, 7; figures 1-16	1-5, 10-20, 25
A	GB 2 355 180 A (BAYERISCHE MOTOREN WERKE AG) 18 April 2001 (2001-04-18) abstract; claims 1, 8, 9; figures 1-4 --- -/-	1, 5-16, 25

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

5 November 2002

Date of mailing of the international search report

13/11/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Cuny, J-M

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 02/03754

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 347 343 A (ROVER GROUP LIMITED) 6 September 2000 (2000-09-06) abstract page 4, line 8 -page 5, line 23; claims 1-10; figures 1-4 ---	1,5-16, 25
A	US 6 129 404 A (BRUCE P. MATTARELLA ET AL.) 10 October 2000 (2000-10-10) cited in the application abstract column 10, line 8 -column 13, line 40; figures 1-8 ---	1-25
A	GB 2 344 282 A (ROVER GROUP LIMITED) 7 June 2000 (2000-06-07) cited in the application abstract; claim 1; figures 1-5 ---	1,10,25
A	EP 0 940 288 A (MAZDA MOTOR CORPORATION) 8 September 1999 (1999-09-08) cited in the application abstract; claims 1-6; figures 1-23B -----	1,10,25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 02/03754

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2956837	A	18-10-1960	NONE	
US 5492386	A	20-02-1996	NONE	
GB 2355180	A	18-04-2001	NONE	
GB 2347343	A	06-09-2000	DE 10005056 A1	07-09-2000
US 6129404	A	10-10-2000	NONE	
GB 2344282	A	07-06-2000	NONE	
EP 0940288	A	08-09-1999	JP 11245695 A	14-09-1999
			EP 0940288 A2	08-09-1999
			US 6129405 A	10-10-2000
			US 2002011737 A1	31-01-2002